

<b>Notice of Allowability</b>	<b>Application No.</b> 10/019,301 <b>Examiner</b> Eric Hug	<b>Applicant(s)</b> YAMAZAKI ET AL. <b>Art Unit</b> 1731
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-- **The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**  
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the amendment filed on September 13, 2004.
2.  The allowed claim(s) is/are 28,29,31-40,42-45,47,48,50,51,53 and 55-67.
3.  The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James E. Armstrong on September 21, 2004.

The application has been amended as follows:

Claim 48 (currently amended): The water-resistant and moisture-proof paper of claim 47 ~~any one of claims 47 or 66~~, wherein a penetration-proof layer is formed on a face of the paper substrates to be contacted with the resin composition and/or on a face of another counterpart paper substrate to be brought into contact with the resin composition.

Claim 61 (currently amended): The water-resistant and moisture-proof paper of any one of claims 42, 43, or 44 or 46, wherein said compatibilizing agent (C) is present in an amount of 1 to 7 parts by weight.

Claim 67 (new): The water-resistant and moisture-proof paper of claim 66, wherein a penetration-proof layer is formed on a face of the paper substrates to be contacted with the resin composition and/or on a face of another counterpart paper substrate to be brought into contact with the resin composition.

***Allowable Subject Matter***

Claims 28, 29, 31-40, 42-45, 47, 48, 50, 51, 53, and 55-67 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 28, 29, 31-40, and 60 are allowed because the prior art does not disclose or suggest a resin composition having the three claimed components (A)-(C), a polyolefin, tackifier, and compatibilizing agent, in the claimed proportions, whereby the compatibilizing agent (C) does not have an acid modified polyolefin.

Claims 42, 43, 45, 47, 48, and 50 are allowed, because the prior art does not disclose or suggest a water-resistant and moisture proof paper comprising at least the resin composition of claim 28.

Claims 55-59 are allowed, because the prior art does not disclose or suggest a method for producing paper comprising at least the resin composition of claim 28.

Claim 44 is allowed, because the prior art does not disclose or suggest a paper comprising the claimed combination of the four resin components (A)-(D) and additionally a penetration-proof layer.

Claim 51 is allowed, because the prior art does not disclose or suggest a method of producing paper comprising a resin composition having the three claimed components (A)-(C), a polyolefin, tackifier, and compatibilizing agent, in the claimed proportions, and having additionally a (meth)acrylic resin coat layer.

Claim 53 is allowed, because the prior art does not disclose or suggest a method of producing paper comprising a resin composition having the three claimed components (A)-(C), a polyolefin, tackifier, and compatibilizing agent, in the claimed proportions, and having additionally one or more penetration-proof layers.

Claims 61-62 are allowed as proper multiple dependent claims.

Claims 63 and 64 are allowed, because the prior art does not disclose or suggest a paper having the claimed resin composition (A)-(C) plus inorganic filler (D).

Claim 65 is allowed, because the prior art does not disclose or suggest a paper having a layer of the claimed resin composition and having additionally at least a (meth)acrylic resin layer formed on the resin composition layer.

Claims 66 and 67 are allowed, because the prior art does not disclose or suggest a paper having at least a (meth)acrylic resin layer formed on a layer of paper comprising the claimed resin composition.

Allowability of the claims is based on the combination of features recited, not just those features described above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

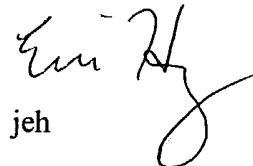
***Response to Arguments***

Applicant's arguments filed September 13, 2004 have been fully considered. The arguments and amendments to the claims have overcome all rejections set forth previously. In previous office actions, the rejections of claims were based on prior art resin compositions having zero parts compatibilizing agent (component C).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Hug whose telephone number is 571 272-1192. The examiner can normally be reached on Monday through Friday, 10:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571 272-1189. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
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SUPERVISORY PATENT EXAMINER  
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